

FP0302 US.ST25  
SEQUENCE LISTING

<110> FibroGen, Inc.

<120> DRY TISSUE SEALANT COMPOSITIONS

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<140> 10/529,708

<141> 2003-09-30

<150> 60/415,309

<151> 2002-09-30

<150> PCT/US2003/031006

<151> 2003-09-30

<160> 4

<170> PatentIn version 3.3

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Pro Pro Gly Glu Pro Gly Gln Ala Gly Pro Ser Gly Pro Pro Gly Pro  
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Pro Gly Ala Ile Gly Pro Ser Gly Pro Ala Gly Lys Asp Gly Glu Ser  
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Gly Arg Pro Gly Arg Pro Gly Glu Arg Gly Leu Pro Gly Pro Pro Gly  
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Ile Lys Gly Pro Ala Gly Ile Pro Gly Phe Pro Gly Met Lys Gly His  
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Arg Gly Phe Asp Gly Arg Asn Gly Glu Lys Gly Glu Thr Gly Ala Pro  
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Gly Leu Lys Gly Glu Asn Gly Leu Pro Gly Glu Asn Gly Ala Pro Gly  
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Pro Met Gly Pro Arg Gly Ala Pro Gly Glu Arg Gly Arg Pro Gly Leu  
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Pro Gly Ala Ala Gly Ala Arg Gly Asn Asp Gly Ala Arg Gly Ser Asp  
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Gly Gln Pro Gly Pro Pro Gly Pro Pro Gly Thr Ala Gly Phe Pro Gly  
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Ser Pro Gly Ala Lys Gly Glu Val Gly Pro Ala Gly Ser Pro Gly Ser  
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Asn Gly Ala Pro Gly Gln Arg Gly Glu Pro Gly Pro Gln Gly His Ala  
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Gly Ala Gln Gly Pro Pro Gly Pro Pro Gly Ile Asn Gly Ser Pro Gly  
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Gly Lys Gly Glu Met Gly Pro Ala Gly Ile Pro Gly Ala Pro Gly Leu  
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Gly Leu Arg Gly Gly Ala Gly Glu Pro Gly Lys Asn Gly Ala Lys Gly  
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Glu Pro Gly Pro Arg Gly Glu Arg Gly Glu Ala Gly Ile Pro Gly Val  
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Pro Gly Ala Lys Gly Glu Asp Gly Lys Asp Gly Ser Pro Gly Glu Pro  
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Gly Ala Asn Gly Leu Pro Gly Ala Ala Gly Glu Arg Gly Ala Pro Gly  
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Gly Glu Pro Gly Arg Asp Gly Val Pro Gly Gly Pro Gly Met Arg Gly  
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Met Pro Gly Ser Pro Gly Gly Pro Gly Ser Asp Gly Lys Pro Gly Pro  
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Pro Gly Ser Gln Gly Glu Ser Gly Arg Pro Gly Pro Pro Gly Pro Ser  
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Gly Pro Arg Gly Gln Pro Gly Val Met Gly Phe Pro Gly Pro Lys Gly  
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Pro Gly Pro Gln Gly Pro Pro Gly Lys Asn Gly Glu Thr Gly Pro Gln  
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Gly Pro Thr Gly Pro Ile Gly Pro Pro Gly Pro Ala Gly Gln Pro Gly  
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Asp Gly Ser Arg Lys Asn Pro Ala Arg Asn Cys Arg Asp Leu Lys  
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Phe Cys His Pro Glu Leu Lys Ser Gly Glu Tyr Trp Val Asp Pro  
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Asn Gln Gly Cys Lys Leu Asp Ala Ile Lys Val Phe Cys Asn Met  
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Arg Lys His Trp Trp Thr Asp Ser Ser Ala Glu Lys Lys His Val  
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Cys Lys Asn Ser Ile Ala Tyr Met Asp Gln Ala Ser Gly Asn Val  
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Lys Lys Ala Leu Lys Leu Met Gly Ser Asn Glu Gly Glu Phe Lys  
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Ala Glu Gly Asn Ser Lys Phe Thr Tyr Thr Val Leu Glu Asp Gly  
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Cys Thr Lys His Thr Gly Glu Trp Ser Lys Thr Val Phe Glu Tyr  
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Arg Thr Arg Lys Ala Val Arg Leu Pro Ile Val Asp Ile Ala Pro  
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Gly Pro Pro Gly Ala Ile Gly Pro Ser Gly Pro Ala Gly Lys Asp Gly  
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Glu Ser Gly Arg Pro Gly Arg Pro Gly Glu Arg Gly Leu Pro Gly Pro  
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Pro Gly Ile Lys Gly Pro Ala Gly Ile Pro Gly Phe Pro Gly Met Lys  
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Gly His Arg Gly Phe Asp Gly Arg Asn Gly Glu Lys Gly Glu Thr Gly  
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Ala Pro Gly Leu Lys Gly Glu Asn Gly Leu Pro Gly Glu Asn Gly Ala  
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Pro Gly Pro Met Gly Pro Arg Gly Ala Pro Gly Glu Arg Gly Arg Pro  
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Gly Leu Pro Gly Ala Ala Gly Ala Arg Gly Asn Asp Gly Ala Arg Gly  
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Gly Ser Asn Gly Ala Pro Gly Gln Arg Gly Glu Pro Gly Pro Gln Gly  
195 200 205

His Ala Gly Ala Gln Gly Pro Pro Gly Pro Pro Gly Ile Asn Gly Ser  
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Lys Gly Glu Pro Gly Pro Arg Gly Glu Arg Gly Glu Ala Gly Ile Pro  
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Lys Gly Asn Asp Gly Ala Pro Gly Lys Asn Gly Glu Arg Gly Gly Pro  
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Ser Gly Pro Lys Gly Asp Ala Gly Gln Pro Gly Glu Lys Gly Ser Pro  
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Gly Ala Gln Gly Pro Pro Gly Ala Pro Gly Pro Leu Gly Ile Ala Gly  
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Ile Thr Gly Ala Arg Gly Leu Ala Gly Pro Pro Gly Met Pro Gly Pro  
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Arg Gly Ser Pro Gly Pro Gln Gly Val Lys Gly Glu Ser Gly Lys Pro  
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Gly Ala Asn Gly Leu Ser Gly Glu Arg Gly Pro Pro Gly Pro Gln Gly  
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Leu Pro Gly Leu Ala Gly Thr Ala Gly Glu Pro Gly Arg Asp Gly Asn  
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Pro Gly Ser Asp Gly Leu Pro Gly Arg Asp Gly Ser Pro Gly Gly Lys  
 850 855 860

Gly Asp Arg Gly Glu Asn Gly Ser Pro Gly Ala Pro Gly Ala Pro Gly  
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His Pro Gly Pro Pro Gly Pro Val Gly Pro Ala Gly Lys Ser Gly Asp  
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Arg Gly Glu Ser Gly Pro Ala Gly Pro Ala Gly Ala Pro Gly Pro Ala  
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Gly Ser Arg Gly Ala Pro Gly Pro Gln Gly Pro Arg Gly Asp Lys Gly  
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Glu Thr Gly Glu Arg Gly Ala Ala Gly Ile Lys Gly His Arg Gly Phe  
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Pro Gly Asn Pro Gly Ala Pro Gly Ser Pro Gly Pro Ala Gly Gln Gln  
 945 950 955 960

Gly Ala Ile Gly Ser Pro Gly Pro Ala Gly Pro Arg Gly Pro Val Gly  
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Pro Ser Gly Pro Pro Gly Lys Asp Gly Thr Ser Gly His Pro Gly Pro  
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Ile Gly Pro Pro Gly Pro Arg Gly Asn Arg Gly Glu Arg Gly Ser Glu  
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Pro Pro Gly Glu Pro Gly Gln Ala Gly Pro Ser Gly Pro Pro Gly Pro  
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Pro Gly Ala Ile Gly Pro Ser Gly Pro Ala Gly Lys Asp Gly Glu Ser  
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Gly Arg Pro Gly Arg Pro Gly Glu Arg Gly Leu Pro Gly Pro Pro Gly  
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Ile Lys Gly Pro Ala Gly Ile Pro Gly Phe Pro Gly Met Lys Gly His  
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Arg Gly Phe Asp Gly Arg Asn Gly Glu Lys Gly Glu Thr Gly Ala Pro  
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Gly Leu Lys Gly Glu Asn Gly Leu Pro Gly Glu Asn Gly Ala Pro Gly  
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Pro Gly Ala Ala Gly Ala Arg Gly Asn Asp Gly Ala Arg Gly Ser Asp  
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Gly Gln Pro Gly Pro Pro Gly Pro Pro Gly Thr Ala Gly Phe Pro Gly  
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Ser Pro Gly Ala Lys Gly Glu Val Gly Pro Ala Gly Ser Pro Gly Ser  
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Asn Gly Ala Pro Gly Gln Arg Gly Glu Pro Gly Pro Gln Gly His Ala  
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Gly Ala Gln Gly Pro Pro Gly Pro Pro Gly Ile Asn Gly Ser Pro Gly  
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Gly Lys Gly Glu Met Gly Pro Ala Gly Ile Pro Gly Ala Pro Gly Leu  
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Gly Leu Arg Gly Gly Ala Gly Glu Pro Gly Lys Asn Gly Ala Lys Gly  
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Glu Pro Gly Pro Arg Gly Glu Arg Gly Glu Ala Gly Ile Pro Gly Val  
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Pro Gly Ala Lys Gly Glu Asp Gly Lys Asp Gly Ser Pro Gly Glu Pro  
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Ala Gly Glu Arg Gly Ala Pro Gly Pro Ala Gly Pro Arg Gly Ala Ala  
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Gly Glu Pro Gly Arg Asp Gly Val Pro Gly Gly Pro Gly Met Arg Gly  
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Met Pro Gly Ser Pro Gly Gly Pro Gly Ser Asp Gly Lys Pro Gly Pro  
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Pro Gly Ser Gln Gly Glu Ser Gly Arg Pro Gly Pro Pro Gly Pro Ser  
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Gly Pro Arg Gly Gln Pro Gly Val Met Gly Phe Pro Gly Pro Lys Gly  
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Pro Gly Pro Gln Gly Pro Pro Gly Lys Asn Gly Glu Ala Gly Pro Gln  
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Gly Pro Pro Gly Ala Ala Gly Ala Pro Gly Leu Gln Gly Met Pro Gly  
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Glu Arg Gly Gly Leu Gly Ala Pro Gly Pro Lys Gly Asp Lys Gly Glu  
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Pro Gly Gly Pro Gly Ala Asp Gly Val Pro Gly Lys Asp Gly Pro Arg  
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Gly Pro Ala Gly Pro Ile Gly Pro Pro Gly Pro Ala Gly Gln Pro Gly  
610 615 620

Asp Lys Gly Glu Gly Gly Ala Pro Gly Leu Pro Gly Ile Ala Gly Pro  
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Arg Gly Ser Pro Gly Glu Arg Gly Glu Ala Gly Pro Pro Gly Pro Ala  
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Gly Phe Pro Gly Ala Pro Gly Gln Asn Gly Glu Pro Gly Gly Lys Gly  
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Glu Arg Gly Ala Pro Gly Glu Lys Gly Glu Gly Gly Pro Pro Gly Val  
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Ala Gly Pro Pro Gly Gly Ser Gly Pro Ala Gly Pro Pro Gly Pro Gln  
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Gly Val Lys Gly Glu Arg Gly Ser Pro Gly Gly Pro Gly Ala Ala Gly  
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Phe Pro Gly Ala Arg Gly Leu Pro Gly Pro Pro Gly Ser Asn Gly Asn  
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Ile Gly Ser Pro Gly Pro Ala Gly Pro Arg Gly Pro Val Gly Pro Ser  
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Gly Pro Pro Gly Lys Asp Gly Thr Ser Gly His Pro Gly Pro Ile Gly  
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Phe Cys His Pro Glu Leu Lys Ser Gly Glu Tyr Trp Val Asp Pro  
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Asn Gln Gly Cys Lys Leu Asp Ala Ile Lys Val Phe Cys Asn Met  
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Glu Thr Gly Glu Thr Cys Ile Ser Ala Asn Pro Leu Asn Val Pro  
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Arg Lys His Trp Trp Thr Asp Ser Ser Ala Glu Lys Lys His Val  
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Trp Phe Gly Glu Ser Met Asp Gly Gly Phe Gln Phe Ser Tyr Gly  
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Asn Pro Glu Leu Pro Glu Asp Val Leu Asp Val Gln Leu Ala Phe  
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Leu Arg Leu Leu Ser Ser Arg Ala Ser Gln Asn Ile Thr Tyr His  
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Cys Lys Asn Ser Ile Ala Tyr Met Asp Gln Ala Ser Gly Asn Val  
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Lys Lys Ala Leu Lys Leu Met Gly Ser Asn Glu Gly Glu Phe Lys  
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Ala Glu Gly Asn Ser Lys Phe Thr Tyr Thr Val Leu Glu Asp Gly  
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Cys Thr Lys His Thr Gly Glu Trp Ser Lys Thr Val Phe Glu Tyr  
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Arg Thr Arg Lys Ala Val Arg Leu Pro Ile Val Asp Ile Ala Pro  
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